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#### (57) Abstract

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New cross-linked hyaluronic acids obtainable by reaction of activated carboxylic groups of native linear hyaluronic acid, of extractive or biosynthetic source, with a polyamine, particularly a linear alkyl diamine. The cross-linked hyaluronic acids of the invention can optionally be sulphated or hemisuccinylated and are useful as substitutes of synovial fluid, vitreous humor, as controlled-release matrices forms medicaments, as healing and antiadhesive agents, and for the preparation of vascular prosthesis, biohybrid organs, healing devices, ophthalmic and otological compositions, prosthesis, implants and medical devices.

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A CLASSIFICATION OF SUBJECT MATTER IPC 7 C08B37/08 A61L27/20								
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)								
C. DOCUMENT	IS CONSIDERED TO BE RELEVANT							
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P,X	P. BULLPITT ET AL.: "New starteg chemical modification of hyaluron Preparation of functionalized der and their use in the formation of biocompatible hydrogels" J. BIOMED. MATER. RES., vol. 47, no. 2, 1999, pages 152-1 XP000913609 figure 2	ic acid: ivatives novel  69,	1-4,6,7,					
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